

## WHAT IS CLAIMED IS:

1. A motorcycle comprising:

a seat which can be opened upward and closed, the seat comprising:

5 a seat bottom plate;

a seat cushion for covering the top of the seat bottom plate; and,

a seat cloth for covering the surface of the seat cushion;

10 a storage box having an upper opening which is opened and closed by the seat and which is able to hold helmets;

a seat bottom plate extension integrally formed with the seat bottom plate, the seat bottom plate extension being extensionally formed along the outer periphery, spreading outwardly toward its distal side;

15 a sealing element disposed between the upper opening brim of the storage box and the seat bottom plate extension;

20 a cover arranged over the outer peripheral surface of the seat bottom plate extension so as to externally enclose an upper part of the storage box having the sealing element disposed thereon and the seat bottom plate extension;

25 wherein the storage box has a volume capable of

storing at least two helmets and is shaped into a storage compartment which can keep the two helmets placed side by side across the vehicle's width with their spherical tops set laterally outward with respect 5 to the body width, their lower sides abutted to each other, and their front set forwards with respect to the vehicle's direction of travel, the storage box having an inner shape congruent with outer shapes of the helmets thus arranged.

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2. The motorcycle according to Claim 1, wherein the seat is integrally formed with a rib-like structure, projected outwards from the seat bottom plate and disposed along the outer periphery of the seat cushion 15 around the seat bottom plate extension and the rib-like structure together with the seat cushion is covered by the seat cloth with the distal part of the seat cloth fixed by fasteners.

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3. The motorcycle according to Claim 1, wherein the storage box is constructed in such a manner that two helmets can be held side by side across the body width with spherical tops inclined downwards and laterally outward with respect to the body width.

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4. The motorcycle according to Claim 2, wherein the storage box is constructed in such a manner that two helmets can be held side by side across the body width with spherical tops inclined downwards and laterally outward with respect to the body width.

5. A storage box arrangement for use in a motorcycle comprising: a seat which can be opened upward and closed; a storage box whose upper opening is opened and closed by the seat and which is able to hold helmets, the surround of the storage box is enclosed by the body cover, characterized in that, in the sectional configuration cut across the vehicle's width, the storage box is shaped so that it spreads outwardly as it extends downwards from the opening edge of the upper opening, along the body cover which encloses the outer vehicle body below the seat while part of the opening edge of the upper opening on a first side with respect to the body width is shaped in a bay-like form so as to be sunken lower than the height of the opening edge on the opposite side.

6. The storage box arrangement for use in a motorcycle according to Claim 5, wherein the storage box is

constructed so that the distance from the approximate center of the luggage compartment to the opening edge on the first side is greater than the distance to the opening edge on the opposite side and the opening edge 5 on the first side with respect to the vehicle width is positioned so that the opening width is approximately equal to the maximum width of the luggage storing compartment.

10 7. The storage box arrangement for use in a motorcycle according to Claim 5, wherein the storage box is constructed so that the opening edge on the first side is formed on the side opposite to a kickstand which is arranged on one side with respect to vehicle's width.

15 8. The storage box arrangement for use in a motorcycle according to Claim 6, wherein the storage box is constructed so that the opening edge on the first side is formed on the side opposite to a kickstand which is 20 arranged on one side with respect to vehicle's width.

25 9. The storage box arrangement for use in a motorcycle according to Claim 7, wherein the storage box is constructed so that the opening edges on both sides are adapted to be set approximately horizontal when the

motorcycle is parked in a position tilted to one side with the kickstand set down.

10. The storage box arrangement for use in a motorcycle  
5 according to Claim 8, wherein the storage box is  
constructed so that the opening edges on both sides are  
adapted to be set approximately horizontal when the  
motorcycle is parked in a position tilted to one side  
with the kickstand set down.

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11. The storage box arrangement for use in a motorcycle  
according to Claim 5, wherein the seat comprises a seat  
bottom plate having a side wall which is extensionally  
formed at sides with respect to the vehicle's width,  
15 spreading outwardly as it extends downwards, and the  
storage box is constructed such that the opening edge on  
the first side with respect to the vehicle's width is  
adapted to abut the bottom wall of the seat bottom plate  
and abut the lower end of the seat bottom plate side-  
20 wall while the opening edge on the other side is made to  
abut the bottom wall of the seat bottom plate.

12. The storage box arrangement for use in a motorcycle  
according to Claim 6, wherein the seat which can be  
25 opened upward and closed comprises a seat bottom plate

having a side wall which is extensionally formed at sides with respect to the vehicle's width, spreading outwardly as it extends downwards, and the storage box is constructed such that the opening edge on the first 5 side with respect to the vehicle's width is adapted to abut the bottom wall of the seat bottom plate and abut the lower end of the seat bottom plate side-wall while the opening edge on the other side is made to abut the bottom wall of the seat bottom plate.